

Storm Data and Unusual Weather Phenomena - March 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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ARKANSAS, Central and North Central

(AR-Z003) BOONE, (AR-Z004) MARION, (AR-Z005) BAXTER, (AR-Z006) FULTON, (AR-Z007) SHARP, (AR-Z012) NEWTON, (AR-Z013) SEARCY, (AR-Z014) STONE, (AR-Z015) IZARD, (AR-Z016) INDEPENDENCE, (AR-Z021) JOHNSON, (AR-Z022) POPE, (AR-Z023) VAN BUREN, (AR-Z024) CLEBURNE, (AR-Z025) JACKSON, (AR-Z030) LOGAN, (AR-Z031) CONWAY, (AR-Z032) FAULKNER, (AR-Z033) WHITE, (AR-Z034) WOODRUFF, (AR-Z037) SCOTT, (AR-Z038) YELL, (AR-Z039) PERRY, (AR-Z040) POLK, (AR-Z041) MONTGOMERY, (AR-Z042) GARLAND, (AR-Z043) SALINE, (AR-Z044) PULASKI, (AR-Z045) LONOKE, (AR-Z046) PRAIRIE, (AR-Z047) MONROE, (AR-Z054) HOT SPRING, (AR-Z055) GRANT, (AR-Z056) JEFFERSON, (AR-Z057) ARKANSAS

03/02/14 03:00 CST	3.40M	Winter Storm
03/03/14 13:00 CST	0	

(AR-Z062) DALLAS, (AR-Z063) CLEVELAND, (AR-Z064) LINCOLN, (AR-Z065) DESHA, (AR-Z066) OUACHITA, (AR-Z067) CALHOUN, (AR-Z068) BRADLEY, (AR-Z069) DREW

03/03/14 00:00 CST	0	Winter Weather
03/03/14 11:00 CST	0	

A strong Arctic cold front moved through Arkansas on the 2nd and the morning hours of the 3rd. Freezing rain and sleet began to fall in northern Arkansas before dawn on the 2nd, while rain fell over the rest of the state. As colder air made its way farther into the state, rain changed to freezing rain and sleet over most of the northern half of the state on the afternoon of the 2nd, over the middle of the state from late afternoon through early evening, and over parts of southern Arkansas after midnight on the 3rd. Meanwhile, much of the sleet changed over to snow in northern Arkansas on the night of the 2nd, while some snow flurries also made it into the central part of the state. All significant precipitation moved east of the area on the morning of the 3rd.

Thunder accompanied the wintry precipitation in many areas, even with temperatures in the teens and 20s.

Parts of eastern Arkansas experienced an ice storm with freezing rain totals of 0.25 to more than 0.50 inch. Several thousand power outages resulted. Elsewhere, amounts generally ranged from a few hundredths of an inch in southern Arkansas to around 0.25 inch in parts of the Arkansas River Valley and central Arkansas.

Sleet piled up to unusually large amounts, with 1 to 2 inches common in central Arkansas and 2 to 4 inches in the northern part of the state. Sleet drifts of 3 to 4 feet occurred in some places. Some of the northern counties recorded 1 to 3 inches of snow on top of the sleet.

The freezing rain and sleet caused an enormous traffic back-up on Interstate 40 all the way from near DeValls Bluff to West Memphis, a distance of about 80 miles.

There was one indirect fatality and two indirect injuries. At 2:15 PM on the 2nd, a 46- year-old man was killed and two other people were injured when two vehicles collided on Arkansas 25 north of Arkansas 5 in Cleburne County. It was sleeting and the road was icy at the time, according to a state police report.

The Arctic air brought record low temperatures for the month of March to Newport (Jackson Co.), Marshall (Searcy Co.), Batesville Lock and Dam (Independence Co.), Beedeville 4NE (Jackson Co.), North Little Rock (Pulaski Co.), and the Stuttgart Airport (Prairie Co.). These temperatures occurred on the 3rd or 4th, depending on the station location.

Furthermore, 29 stations set records for the coldest high temperatures ever recorded in the month of March. These included Mena (Polk Co.), Hot Springs National Park (Garland Co.), Batesville Livestock Experiment Station (Independence Co.), Booneville 3SE (Logan Co.), Mount Ida (Montgomery Co.), Rohwer 2NNE (Desha Co.), Star City (Lincoln Co.), Des Arc (Prairie Co.), Malvern (Hot Spring Co.), Newport (Jackson Co.), North Little Rock (Pulaski Co.), Sheridan (Grant Co.), Beedeville 4NE (Jackson Co.), Clarksville (Johnson Co.), Conway (Faulkner Co.), Evening Shade 1NNE (Sharp Co.), Fordyce (Dallas Co.), Little Rock Air Force Base (Pulaski Co.), Subiaco (Logan Co.), Batesville Lock and Dam (Independence Co.), Mammoth Spring (Fulton Co.), Searcy (White Co.), Batesville Airport (Independence Co.), Little Rock (Pulaski Co.), Murfreesboro 1W (Pike Co.), Camden (Ouachita Co.), Russellville (Pope Co.), Stuttgart Airport (Prairie Co.), and Hot Springs Airport (Garland Co.). All of these records occurred on the 3rd or 4th, depending on the station location.

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Following a period of freezing rain, sleet piled up at Searcy in White County, Arkansas, on March 2, 2014. The photo is courtesy of Debbie Wantulok via Facebook.

WOODRUFF COUNTY --- PATTERSON [35.25, -91.23], 1.5 NNE RIVERSIDE [35.30, -91.22], 1.7 SSW GOODRICH [35.31, -91.24], 0.2 SW CAVELL [35.25, -91.25]

03/08/14 18:00 CST	5K	Flood (due to Heavy Rain)
03/31/14 01:00 CST	0	Source: River/Stream Gage

Heavy spring rainfall caused the Cache River at Patterson to rise above flood stage during the afternoon hours of the 8th. The river then remained above flood stage for much of the month, finally falling below flood stage during the early morning hours of the 31st.

Heavy spring rainfall caused the Cache River at Patterson to flood during the month of March.

(AR-Z012) NEWTON, (AR-Z013) SEARCY

03/13/14 20:00 CST	0	Wildfire
03/15/14 02:11 CST	0	

A lack of rainfall, low humidities, and periodic gusty winds made conditions favorable for wildfires from the 13th through the 15th. On the 13th, the Boxley Church Fire began 14 miles west of Jasper in Newton County. It was controlled the next day after burning 311 acres. On the 14th, the Moscow Love Fire 4 miles southwest of St. Joe in Searcy County burned 340 acres. On the 14th, the Boat Mountain East Fire began 3.8 miles west of Western Grove in Newton County. It was controlled the next day after burning 568 acres.

(AR-Z003) BOONE

03/16/14 11:00 CST	0	Winter Storm
03/16/14 20:00 CST	0	

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<hr/> (AR-Z004) MARION, (AR-Z005) BAXTER, (AR-Z006) FULTON, (AR-Z007) SHARP, (AR-Z012) NEWTON, (AR-Z013) SEARCY, (AR-Z014) STONE, (AR-Z015) IZARD				
	03/16/14 12:00 CST		0	Winter Weather
	03/16/14 21:00 CST	1	0	

On the 16th, rain fell over much of Arkansas. A cold front moved into the state at late morning and the colder air behind the front changed the rain to snow over parts of northern Arkansas on the afternoon of the 16th. Accumulations were generally in the 1 to 3 inch range, but in Boone County, Harrison reported 5 inches and Bergman measured 4 inches. A 17 year-old female had to be treated for hypothermia after becoming cold and wet during a hike in the Ponca Wilderness Area (Newton County) along the Buffalo National River.

During the morning hours of the 17th, light sleet and snow spread to parts of central and southern Arkansas. In these sections, accumulations ranged from a dusting to a few tenths of an inch.



Heavy, wet snow fell at Harrison in Boone County, Arkansas, on March 16, 2014. The photo is courtesy of Cathy Burris via Twitter.

<hr/> WOODRUFF COUNTY --- AUGUSTA [35.28, -91.37], 4.1 S RUFFWOOD [35.21, -91.36], 3.8 SSW RUFFWOOD [35.22, -91.41], 3.6 NW AUGUSTA [35.32, -91.41], 2.9 WSW FITZHUGH [35.34, -91.37]			
	03/18/14 04:40 CST	5K	Flood (due to Heavy Rain)
	03/30/14 16:45 CST	0	Source: River/Stream Gage

Heavy rainfall caused the White River at Augusta to rise above flood stage during the morning hours of the 18th. The river fell back below flood stage during the afternoon of the 30th.

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Heavy spring rains caused flooding on the White River during the month of March.

DALLAS COUNTY --- SPARKMAN [33.92, -92.85]

03/28/14 13:40 CST			0	Hail (1.00 in)
03/28/14 13:40 CST			0	Source: Social Media

DALLAS COUNTY --- HOLLY SPGS [33.82, -92.72]

03/28/14 14:04 CST			0	Hail (1.75 in)
03/28/14 14:04 CST			0	Source: Social Media

Hail covered the ground.

SALINE COUNTY --- PARON [34.77, -92.75]

03/28/14 14:10 CST			0	Hail (0.75 in)
03/28/14 14:10 CST			0	Source: Social Media

DALLAS COUNTY --- 1.0 NE IVAN [33.91, -92.42], 0.6 ESE FORDYCE [33.82, -92.41]

03/28/14 14:33 CST			0	Hail (2.25 in)
03/28/14 14:35 CST			0	Source: Social Media

A large amount of hail, some larger than the size of hen eggs, fell between Ivan and Fordyce. The hail broke windshields and damaged roofs.

CLEVELAND COUNTY --- KINGSLAND [33.85, -92.30]

03/28/14 14:50 CST			0	Hail (1.75 in)
03/28/14 14:50 CST			0	Source: Trained Spotter

Hail up to golf ball size broke car windows.

CLEVELAND COUNTY --- RISON [33.95, -92.18]

03/28/14 14:50 CST			0	Hail (1.00 in)
03/28/14 14:50 CST			0	Source: Social Media

CLEVELAND COUNTY --- 1.0 E KINGSLAND [33.85, -92.28]

03/28/14 14:53 CST			0	Hail (0.88 in)
03/28/14 14:53 CST			0	Source: Trained Spotter

BRADLEY COUNTY --- 2.2 SSW MC KINNEY [33.60, -92.19]

03/28/14 15:00 CST			0	Hail (1.00 in)
03/28/14 15:00 CST			0	Source: Law Enforcement

BRADLEY COUNTY --- WARREN [33.62, -92.07]

03/28/14 15:13 CST			0	Hail (2.00 in)
03/28/14 15:13 CST			0	Source: Social Media

BRADLEY COUNTY --- 1.1 NNE WARREN MUNI ARPT [33.58, -92.07]

03/28/14 15:17 CST			0	Hail (1.25 in)
03/28/14 15:17 CST			0	Source: Law Enforcement

Hail from quarter to half-dollar size fell at the Arkansas State Police troop headquarters.

DREW COUNTY --- GREEN HILL [33.57, -91.90]

03/28/14 15:41 CST			0	Hail (1.00 in)
03/28/14 15:41 CST			0	Source: Emergency Manager

LONOKE COUNTY --- BLAKEMORE [34.60, -91.90]

03/28/14 15:45 CST			0	Hail (0.75 in)
03/28/14 15:45 CST			0	Source: Public

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DREW COUNTY --- COMINTO [33.55, -91.63]	03/28/14 16:30 CST		0	Hail (0.75 in)
	03/28/14 16:30 CST		0	Source: Emergency Manager
DREW COUNTY --- 1.0 WNW COLLINS [33.54, -91.59]	03/28/14 16:40 CST		0	Hail (1.00 in)
	03/28/14 16:40 CST		0	Source: Emergency Manager
Penny to quarter size hail fell on Arkansas 35.				
DREW COUNTY --- 1.0 ESE BAXTER [33.53, -91.48]	03/28/14 17:27 CST		0	Hail (1.00 in)
	03/28/14 17:27 CST		0	Source: Emergency Manager
OUACHITA COUNTY --- CAMDEN [33.58, -92.83]	03/28/14 17:40 CST		0	Hail (1.75 in)
	03/28/14 17:40 CST		0	Source: Public
OUACHITA COUNTY --- HARMONY GROVE [33.65, -92.78]	03/28/14 17:48 CST		70K	Thunderstorm Wind (EG 56 kt)
	03/28/14 17:48 CST		0	Source: Law Enforcement
A tree fell into a mobile home, destroying it. Another mobile home had one side and part of the roof blown off. Trees were blown down on Arkansas 7.				
BRADLEY COUNTY --- 4.0 NW HERMITAGE [33.49, -92.23], 2.0 NE HERMITAGE [33.47, -92.16]	03/28/14 18:33 CST		10K	Thunderstorm Wind (EG 56 kt)
	03/28/14 18:48 CST		0	Source: Law Enforcement
Trees were blown down on Bradley Roads 5, 32, and 41.				
The arrival of a cold front triggered a number of severe thunderstorms in southern Arkansas during the afternoon and early evening of the 28th. Large hail was the most common form of severe weather, but there were a couple of reports of damaging winds as well.				

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 <p>©2014 Tammy Wolfe Bonnett</p>				

Large hail fell at Warren in Bradley County, Arkansas, on the afternoon of March 28, 2014. The photo is courtesy of Tammy Wolfe Bonnett via Facebook.